Monitoring & Control Systems
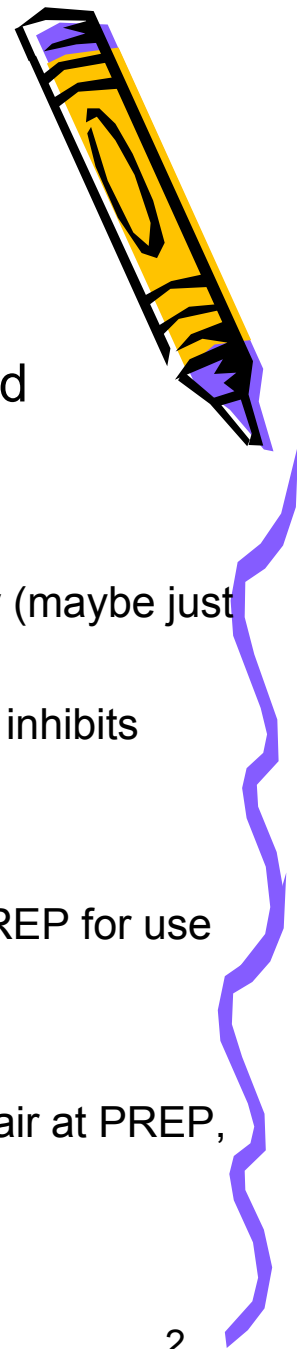
- Shutdown news (February 27—May 25); for general details see SPL meeting yesterday (R. Tesarek)

  - Will convert to iFIX 4.0 (new iFIX USB keys/dongles locked inside cases)

    - Requires conversion of "pictures" but no relink of applications

    - However, can't mix running iFIX 4.0 & iFIX 3.0; until all PCs converted, some will have to run iFIX 4.0 in local mode until all nodes are converted

    - Cannot start until 3/20 (after recovery from outage 3/18) due to detector tests up to that point

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- (Minor) improvements on individual PCs and associated hardware:

  - MUON3

    - Youngdae: remove CCR and CPR from options and display (maybe just in simplest way possible)

    - Youngdae: use NI card to send hardware signals for trigger inhibits

    - Randy: get pressure feedback for CES HV working again

    - Fine tune readout for speed?

    - Replace bad BMU CAEN 127 with spare; get repaired at PREP for use as spare (replaced already)

  - PISABOX

    - Remove CAEN 127 cards (4) with one bad channel for repair at PREP, giving us more spares

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- CLC1 (CLC, CPR, CCR)
    - Send CAEN 527s to PREP for upgrade power supply and optoisolator boards for CAENet communications (hope to reduce need for reboots)
    - Mary: store iFIX DB info for passage to ICICLE and Oracle DB
- VOLTMAN
    - Ben Whitehouse(?): change code to allow masking individual crates instead of whole racks; also, store state of masks over restart
    - Continue to investigate high rate of bad reads (RS-422 daisy chains)
    - Make power supply monitoring power supply more robust
- CDFEPHV
    - Repair fans in CAEN 527s on plug fixture (upper ones first)
    - Repair bad Peltier cooler on PMT box (Dave Dagenhart)

- Send me or J.C. Yun your requests (with resources and time needed), comments, etc.

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- Mark Knapp and Jim Loskot continue installing Norton Ghost on PCs (replacement for Retrospect Backup; disk image on new hard drive which can be booted immediately)

  - All CDFS* PCs in cryo area done

  - VNODE1 VNODE2 SOLENOID2 done (used Ghost disk image to repair SOLENOID2 01/24/06); VOLTMAN installed but not imaged

  - Will continue to do all as time permits; should be able to finish all over shutdown, but will need to schedule around need for iFIX on system-by-system basis